60



SEQUENCE LISTING

<110> Andrews, Beth Barth, Peter Mills, Scott Uria-Nickelsen, Maria Yang, Wei

<120> TOPOISOMERASE MODULATOR ASSAYS

<130> 100995-1 WO

<140> US 10/551,259 <141> 2004-03-30

<150> US 60/459,187 <151> 2003-03-31

<160> 5

<170> PatentIn version 3.3

<210> 1 <211> 408 <212> DNA

<213> Escherichia coli

<400> 1
cggtcgatgg gttgtgtctc tttgttcatt atttactcct taaacaagga cattagtcta 60
cgccaggcat ggcttgcaga caaatatacc acgctggtgg caagagcgcc ttactggcaa 120
ctttggattt tgcatgctaa taaagttgcg tatcggattt tatcaggtac agtgtgacgc 180
tttcgtcaat ctggcaatag atttgcttga cattcgacca aaattccgtc gtgctatagc 240
gcctgtaggc caagacctgt taactcagtc acctgaattt tcgtgaacag agtcacgaca 300
aggggttgat atccgcagag agcgagtcca tatcggtaac tcgttgccag tggaaggttt 360
atcaacgtgc gacgcattcc tggaagaatc aaattaggta aggtgaat 408

<210> 2 <211> 146 <212> DNA

<213> Escherichia coli

<400> 2
tggcacttct actccgtaat tggcaagaca aacgagtata tcaggcattg gatgtgaata 60
aagcgtatag gtttacctca aactgcgcgg ctgtgttata atttgcgacc tttgaatccg 120
ggatacagta gagggatagc ggttag 146

<210> 3 <211> 637 <212> DNA <213> Staphylococcus aureus <400> 3

aaggtgacga ctcggtaacg caattaattt taccaatcag aacttactaa aaataaatat

aaataaagga tgacgtgatt aattaaaacg tcatccttta ttttttggca aaaataattc	120
tagatgcgta tgtaaaataa atttgacagc attttaaaca gcaaataaaa gacgccaatt	180
aaatttatga caaatgtatc caaaatttaa taagtgtgct tatatgccct ttaaatttaa	240
aattttaata gtcaataaca agttgaatat taaagttaaa cgccgttaaa tagcgttaaa	300
aaattgaaaa tgacagtatt gccaaaaaat aagaattaat tatttatatg taaacggttt	360
ctacctctat tttaaatgaa atttgtgaca aaaaaaggta taatatatta atgacacaca	420
aagaaatgga gtgattattt tggttcaaga agttgtagta gaaggagaca ttaatttagg	480
tcaatttcta aaaacagaag ggattattga atctggtggt caagcaaaat ggttcttgca	540
agacgttgaa gtattaatta atggagtgcg tgaaacacgt cgcggtaaaa agttagaaca	600
tcaagatcgt atagatatcc cagaattacc tgaagat	637
<210> 4 <211> 160 <212> DNA <213> Escherichia coli	
<220> <221> misc_feature <222> (111)(111) <223> n is a, c, g, or t	
<400> 4 gatccttatt agatcgatta agccaatttt tgtctatggt cattaaattt tccaatatgc	60
ggcgtaaatc gtgcccgcct cgcggcagga tcgtttacac ttagcgagtt ntggaaagtc	120
ctgtggataa atcgggaaaa tctgtgagaa acagaagatc	160
<210> 5 <211> 227 <212> DNA <213> Haemophilus influenzae	
<400> 5 gacctcgtgg aaatatgcag cgagaggcgc gtaattcaag aggtaataat gtgataggca	60
atgcctttgc ctgatgcact aaaaaattgg aaaaaataac aagttatggg gcgaaattat	120
tcgccctttt tttatcgttt tcctttcccg aaaagcatcg ccaaaacggc gattttttgc	180
tataatctcg cccaatttt atttacaaaa gaatgagata aattatg	227
cataateeeg eecaateeet atteacaaaa gaatgagata aattatg	